

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



In re U.S. Patent Application of )  
YAMAZAKI et al. ) Art Unit: 2186  
Application Number: 10/812,893 )  
Filed: March 31, 2004 )  
For: DISK ARRAY APPARATUS AND DISK ARRAY )  
APPARATUS CONTROLLING METHOD )  
ATTORNEY DOCKET NO. ASAM.0118 )

**Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231**

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted in connection with the Petition to Make Special Under 37 C.F.R. § 1.102(d) for accelerated examination, which is being submitted concurrently herewith.

**CERTIFICATION**

This Information Disclosure Statement is submitted prior to the mailing date of the first Office Action on the merits in the above-identified application. Accordingly, no fee is due or payable at this time.

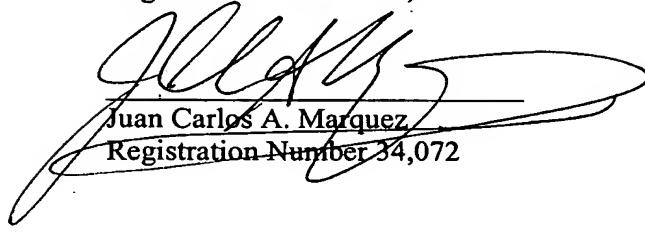
The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

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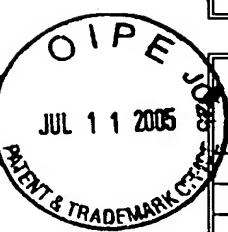


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U.S. Department of Commerce Patent and Trademark Office		APPLICANT YAMAZAKI et al.	
Information Disclosure Statement by Applicant		FILING DATE March 31, 2004	GROUP 2186



## U.S. Patent Documents

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	5,691,948	11/25/97	Saskabe			12/5/96
	5,809,316	9/15/98	Gouzu			3/21/96
	5,875,120	2/23/99	Matsushima et al.			7/1/96
	5,918,059	6/29/99	Tavallaei et al.			8/15/97
	5,937,433	8/10/99	Lee et al.			4/24/97
	6,052,791	4/18/2000	Chen et al.			10/14/98
	6,192,481	2/20/2001	Deenadhayalan et al.			8/18/98
	6,233,691	5/15/2001	Atkinson			1/10/2000
	6,628,469	9/30/2003	Hoyt			7/11/2000
	2003/0200473 A1	10/23/2003	Fung			5/18/2001
	2003/0217300 A1	11/20/2003	Fukumori et al.			4/29/2003
	2004/0054939 A1	3/18/2004	Guha et al.			6/26/2003
	2004/0068670 A1	4/8/2004	Suzuki et al.			6/16/2003
	2004/0068672 A1	4/8/2004	Fisk et al.			3/21/2003
	2004/0225903 A1	11/11/2004	Hirezaki et al.			10/10/2003
	2004/0250148 A1	12/9/2004	Tsirkel et al.			6/9/2003

## Foreign Patent Documents

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	2002-297320	3/30/2001	Japan				
	WO 03/081416 A2	3/21/2003	PCT			X	

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

		Gurumurthi et al., "Interplay of Energy and Performance for Disk Arrays Running Transaction Processing Workloads", Dept. of Computer Science and Engineering, The Pennsylvania State University, and IBM Research Division, Thomas J. Watson Research Center, 10 pages
EXAMINER	DATE CONSIDERED	

*EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant*